

Amendments to the Specification:

Please insert the following Abstract on page 50 of the specification:

APPARATUS FOR ANALYZING THE PACKET DATA ON MOBILE
COMMUNICATION NETWORK AND METHOD THEREOF

A packet data analyzer on a mobile communication network for analyzing packet data traffic, monitoring services, generating billing information per data service, and monitoring the network based on a protocol analysis, comprises a packet data separator provided between one of a mobile communication exchange and a packet controller that provide a wireless data service to the subscriber, and the service server, for separating user packet data transmitted between one of the mobile communication exchange and the packet controller and the service server, and receiving the user packet data; a traffic analyzer for separating the user packet data received through the packet data separator according to transmission directions, and analyzing the user packet data; a statistics storage unit for storing and managing result data analyzed by the traffic analyzer; and a statistics reference unit for retrieving data stored in the statistics storage unit, and providing statistical information desired by the user.